

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	01/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	01/27/25
Client Sample ID:	B-110-SB02	SDG No.:	Q1194
Lab Sample ID:	Q1194-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	57
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015193.D	1	01/28/25	01/28/25	PB166218

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.67	U	0.67	1.75	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.63	J	0.42	1.17	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.71		0.53	1.75	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.40	U	1.40	2.34	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.15	U	3.15	3.51	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.8		40 - 140	46%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1194-02	Acq On:	28 Jan 2025 20:37
Client Sample ID:	B-110-SB02	Operator:	YP\AJ
Data file:	FG015193.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.178	6.820	456780	3.437	300	ug/ml
Aliphatic C12-C16	6.821	10.273	758533	5.372	200	ug/ml
Aliphatic C16-C21	10.274	13.656	3351528	23.191	300	ug/ml
Aliphatic C21-C28	13.657	17.330	1053447	7.706	400	ug/ml
Aliphatic C28-C40	17.331	22.272	2416949	22.89	600	ug/ml
Aliphatic EPH	3.178	22.272	8037237	62.596		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.384	13.384	2781205	22.84		ug/ml
Aliphatic C9-C28	3.178	17.330	5620288	39.706	1200	ug/ml